

## IN THE CLAIMS:

Please cancel Claims 3, 12-17, and 20 without prejudice.

Please amend Claims 2, 4, 6-9, 11, and 18 as follow:

2. The method of Claim 1, wherein:
  - a) said administering is by inhalation of H<sub>2</sub>O<sub>2</sub>; or
  - b) said administering is a formulation which produces H<sub>2</sub>O<sub>2</sub> in said respiratory system.
4. The method of Claim 1, wherein said lung condition comprises infection with:
  - a) bacteria;
  - b) fungus; or
  - c) virus.
5. The method of Claim 1, said method further comprising administering:
  - a) a peroxidase; and/or
  - b) H<sub>2</sub>O<sub>2</sub>.
6. The method of Claim 1, wherein said administering is in combination with a treatment for a lung condition, a lung infection, or cystic fibrosis.
7. The method of Claim 6, wherein said treatment comprises[ administering an]:
  - a) administering an antibiotic, anti-fungal, or anti-viral;
  - b) administering a depolymerase; or
  - c) an airway clearance technique or physical therapy.
8. The method of Claim 7, wherein:
  - a) said depolymerase is a DNase; or
  - b) said treatment comprises one or more of a breathing exercise, postural drainage, chest percussion, vibration, or assisted coughing.
9. The method of Claim 1, wherein said H<sub>2</sub>O<sub>2</sub> is:
  - a) at a concentration between 10<sup>-7</sup> M and 10<sup>-4</sup> M in the lung fluid; or
  - b) [is] administered between once in a week to hourly.
11. The method of Claim 10, wherein said mammal is a primate and said administering is:
  - a) by inhalation;
  - b) a formulation which produces H<sub>2</sub>O<sub>2</sub> in said respiratory system; or
  - c) in combination with a peroxidase or thiocyanate.
18. The method of Claim 10, wherein said H<sub>2</sub>O<sub>2</sub> is:
  - a) at a concentration between 10<sup>-7</sup> M and 10<sup>-4</sup> M in the lung fluid; or
  - b) [is] administered between once a week to hourly.

Please add new Claims 21-28 as follow:

21. The method of Claim 4, wherein said bacteria comprises Staphylococcus aureus,  
5 Pseudomonas aeruginosa, or Burkholderia cepacia.
22. The method of Claim 11, wherein:  
a) said lung infection comprises bacteria;  
10 b) said administering is in combination with an additional treatment for cystic fibrosis;  
c) said administering is in combination with administering a depolymerase;  
d) said administering is in combination with an airway clearance technique or physical therapy; or  
15 e) said administering is in combination with at least one of a breathing exercise, postural drainage, chest percussion, vibration, or assisted coughing.
23. The method of Claim 11, wherein:  
a) said administering is in combination with administering thiocyanate;  
20 b) said administering is in combination with administering an antibiotic; or  
c) said treating prevents or decreases progression of said lung infection.
24. The method of Claim 10, wherein:  
a) said lung infection comprises bacteria, fungus, or virus; or  
25 b) said administering is in combination with an additional treatment for a lung condition, lung infection, or cystic fibrosis.
25. The method of Claim 24, wherein:  
a) said bacteria comprises Staphylococcus aureus, Pseudomonas aeruginosa, or  
30 Burkholderia cepacia; or  
b) said administering is in combination with thiocyanate.
26. The method of Claim 10, wherein said treating prevents or decreases progression of said lung infection.
- 35 27. The inhaler of Claim 19, which:  
a) administers an amount of hydrogen peroxide to the respiratory system of a mammal effective to decrease microbial load;  
b) administers hydrogen peroxide in an amount between  $10^{-7}$  M and  $10^{-4}$  M in the  
40 lung fluid; or  
c) further comprises an antibiotic, an anti-fungal, or an anti-viral.
28. The inhaler of Claim 19, comprising  
a) hydrogen peroxide;  
45 b) thiocyanate; or  
c) hydrogen peroxide and thiocyanate.